

two corrugated plate-like damper members are used. However, in the third embodiment, the single wide corrugated plate-like damper member is used, thereby the cost is advantageously reduced.

IN THE CLAIM:

Claim 1 has been amended as follows:

1. (Twice Amended) A magnetic bearing apparatus comprising: a rotor shaft; a radial magnetic bearing for supporting the rotor shaft in a radial direction; a thrust magnetic bearing for supporting the rotor shaft in an axial direction; a touchdown bearing surrounding a lower end portion of the rotor shaft; a retainer member for supporting the touchdown bearing; a corrugated plate-shaped damper disposed in an annular gap between the touchdown bearing and the retainer member; and positional offset preventing means for preventing [a] axial positional offset of the corrugated plate-shaped damper.